

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

March 2, 2010

TO: Internal File

THRU: Daron Haddock, Permit Supervisor *1002H*

FROM: James D. Smith, Environmental Scientist III *DS 03/02/10*

RE: 2009 Third Quarter Water Monitoring, Andalex Resources, Inc., Wildcat Loadout, C/007/0033, Task ID # 3396

The Wildcat Loadout has no coal extraction operations. The monitoring plan is described in the MRP on page 137 and in Tables IV-10 and IV-11. Quarterly reports submitted by the Permittee indicate that observed flow has been very rare: most recent - March 2003 at WCW-1 and July 2007 at UPDES discharge point WCW-E 005.

1. Were data submitted for all of the MRP required sites?

There is no spring, well, or in-mine monitoring at this site.

Streams

YES ☒ NO ☐

There was no flow at MRP surface-water monitoring points WCW-1, WCW-2, WCW-3, and WCW-4 during the Third Quarter of 2009.

UPDES

YES ☒ NO ☐

There was no flow or discharge at UPDES monitoring points WCW-A 001, WCW-B 002, WCW-C 003, WCW-D 004, WCW-E 005, and WCW-F 006 during the Third Quarter of 2009.

2. Were all required parameters reported for each site?

Streams

YES ☒ NO ☐

"No flow" was reported for all MRP stream monitoring points during the Third Quarter of 2009.

UPDES

YES ☒ NO ☐

"No flow" or "no discharge" was reported for all UPDES discharge points during the Third Quarter of 2009.

3. Were any irregularities found in the data?

Streams

YES ☐ NO ☒

UPDES

YES ☐ NO ☒

4. On what date does the MRP require a five-year resampling of baseline water data?

In the year preceding renewal, the MRP calls for one sample at low flow and one at high flow for baseline analyses. The permit was renewed 05/05/09: there were no reported flows or discharges during the year preceding renewal. The next renewal submittal is due 01/05/14 and the next renewal is due 05/05/14.

5. Did the Permittee make a timely submittal of all data, including initially missing data, and satisfactorily explain irregular data?

YES ☒ NO ☐

6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements?

YES ☐ NO ☒

7. Follow-up from last quarter, if necessary.

None

8. Based on your review, what further actions, if any, do you recommend?

Because of the sparsity of flow events at this loadout, the monitoring plan should be clarified so that any flow during the year preceding permit renewal will be analyzed for baseline parameters.